I st And Final Bill

Work Code

Est Cost Rs. 25.00 Lacs.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353001

Name of Work - Improvements to Road And Drains At Poojamahalak-shmi Lay out From Cross Road To. in Ward No. 05 in Thirumenahalli village limits.

Name of Contractor or nature of Agency ... B.R. 34/28-4-17

Date of commencement of work ...

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Work order No. - EE/BTP/BBMP/E.PMT/596/2013-14 Date - 03/03/2014						
	Name of Contractor - B.R. DHANANJAYA Nagashettyhally. B.lore-94						
	(1) Earth work in Surface excavation in ordinary soil for leveling and covering the ground manually (other than foundation & buildings culverts road drains & formings						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	& Pipe line and cables) and removing the excavated Stuff to a distance not exceeding 50 MTR and lift upto 1.50 MTR excavated surface cleared and neatly dressed disposed earth to be cleared after breaking & clods and neatly dressed as per Specification.						
	As per Pre. measurement recorded vide						
	Page no.. 353060 to 353065					in This MB.	
						885.00 M^3	
	Rate - 125:10						110713:50

Serial No: .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(2)	Removing BSS as per Specific
	As per Pre
	Page no..
	Rate - 49:61

K

epth 6	Contents 7	Reference to last Measuremen 8
moving the excavated ing 30 mm and left covered and neatly ed after breaking Specification.		
corded vide in This MB. 885.00 M^3		110713.50

M. A. R. 57 (Rule 116)
Measurement Book

No. B 353002

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(2)	Removing B S Slab & Drain and Stacking etc.. Complete as per Specification. As per Pre. Measurment recorded vide Page no.. 353065 to 353068 in This MB. Rate - 49.61					1296.00 M^2	64294.56

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	Re-fixing Stone slabs & Drains and Pointing in cm 1:3 ese.. complese as per Specification. Quantity vide Item no. (2) Rate - 69:34					1296.00 m^2	89864:64
(4)	Providing Granite slabs of Selected quality roughly dressed and fixed in cement mortar 1:6 including fixing curing ese.. complese 7.5 cms thick ese.. complese as per Specification.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	Poojamahalakshm I st C 2nd cro 3rd cro 4th cr

Contents 7	Reference to last Measurement 8
Pointing in cm 1:3	
1296.00 m^2	
	89864:64
d quality roughly	
-6 including fixing	
ete. Comprise of	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353003

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Poojamahalakshmi layout						
	I st cross -	1	12.50	1.35	-	16.87	
		1	11.10	1.35	-	14.98	
	2nd cross -	1	12.20	1.35	-	16.47	
		1	10.50	1.35	-	14.17	
	3rd cross -	1	11.10	1.35	-	14.98	
		1	9.70	1.35	-	13.09	
	4th cross -	1	10.80	1.35	-	14.58	
		1	10.20	1.35	-	13.77	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5th cross -	1	12.10	1.35	-	16.33	
	6th cross -	1	10.50	1.35	-	14.17	
		1	11.30	1.35	-	15.25	
		1	9.50	1.35	-	12.82	
		1	10.20	1.35	-	13.77	
	2nd cross	1	9.80	1.35	-	13.23	
		1	10.70	1.35	-	14.44	
		1	8.90	1.35	-	12.01	
		1	12.20	1.35	-	16.47	
		1	11.80	1.35	-	15.93	

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work ..

Date	Full description, etc, of
1	2
	Balaji layou
	Rate - 340
(5)	Providing aggregate to Mixing the

th	Contents 7	Reference to last Measurement 8
	16.33	
	14.17	
	15.25	
	12.82	
	13.77	
	13.23	
	14.44	
	12.01	
	16.47	
	15.93	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 353004

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Balaji layout I^st Main	1	26.10	1.35	-	35.23	
		1	26.50	1.35	-	35.77	
						334.33 m²	11016.3
	Rate - 340:01		Limited to			324.00 m²	11,0865:88
						Thousand	13/2/17
(5)	Providing laying Spreading and Compacting graded Stones aggregate to wet mix Macadam Specification including pre. Mixing the material with water at OMC in mechanical						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	mix Plant Carriage & mixed material & tipper to Site laying in uniform layers with Paver in sub base course on well Prepared surface and Compaction with vibratory roller to achieve the desired density compose as per Specification.						
	As per Pre-measurement recorded vide Page no.. 353068 to 353071 in MB.					720.00 m^3	
	Rate. 1109:83						799077:60

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(6)	Providing and 9.8 to 12.2 kg per Porosity asphalt with cut back M Spray @ (excl Cost & all materi as per Specifica -cation exc.. com

OK

Depth 6	Contents 7	Reference to last Measurement 8
measured & differ to		
work paver in sur-		
-face and compacting		
the desired density		
recorded vide		
at Page MB.		
720.00 m^3		
	799077.60	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353005

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(6)	Providing and applying primer coat from 7.5 to 9.8 kg and 9.8 to 12.2 kg per 10 sqmtr for surface of low and medium porosity respectively over prepared surface of granular base with cut back MC-70 or any other bitumen boiler fitted with Spray Set (excluding cleaning of road surface) including cost of all materials labour tool & incidentals complete as per specification medium porosity complete as per specifi-cation etc.. complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per the measurement recorded vide Page no. 353071 to 353073 in This MB.					3600.00 m^2	
	Rate - 99.59						
						358524.00	
						Abandoned 20/2/17	
(7)	Providing and laying Semi dense bituminous Concrete 25 mm thick with 100-120 TPH batch type HMP Producing an average output of 75 tonnes per hour using Crushed aggregate of Specified Grading Pre mixed with bituminous						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	binder at 4.5 to mix to work si with Sensor Con ment grading u Graders in accord carion clause N Poojamahalaksh I st cross

OK

Depth 6	Contents 7	Reference to last Measurement 8
	recorded vide	
	in this MB.	
	3600.00 m²	
	358524:00	
	Abandoned 20/2/17	
	semino as Concrete	
	tech type HMP Producing	
	n hour using Crusher	
	mixed with Screenings	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353006

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	binder as 4.5 to 5 % Bmix and sheet transporting the hot mix to work site laying with a hydrostatic Paver finisher with sensor control to the required grade level and alignment rolling with smooth wheeled vibratory and tandam rollers to achive the desired compaction as per Morth specification clause No. 500.8 complete in all respects as per specification.						
	Poojamahalakshmi Layout						
	I st cross -	1	30.00	$\frac{(6.40+4.80)}{2}$	x 0.025	4.20	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd Cross	1	22.20	$\frac{(4.80+5.0)}{2}$	x0.025	2.71	
		1	30.00	$\frac{(5.70+5.55)}{2}$	x0.025	4.21	
		1	30.00	$\frac{(5.55+5.80)}{2}$	x0.025	4.25	
		1	30.00	$\frac{(5.80+5.95)}{2}$	x0.025	4.40	
		1	20.25	$\frac{(5.95+6.40)}{2}$	x0.025	3.12	
	3rd Cross	1	30.00	$\frac{(5.30+4.95)}{2}$	x0.025	3.84	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	4th Cross
	5th Cross

Contents 7	Reference to last Measurement 8
2.71	
4.21	
4.25	
4.40	
3.12	
3.84	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353007

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	4th Cross	1	22.40	$\frac{(4.95+5.20)}{2}$	x 0.025	2.84	
		1	30.00	5.00	0.025	3.75	
		1	21.25	$\frac{(5.0+4.95)}{2}$	x 0.025	2.64	
	5th Cross	1	30.00	$\frac{(5.20+5.0)}{2}$	x 0.025	3.82	
		1	20.50	$\frac{(5.0+5.30)}{2}$	x 0.025	2.63	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6 M Cross -	1	30.00	(5.20 + 4.80) / 2	x 0.025	3.75	
		1	30.00	(4.80 + 4.90) / 2	x 0.025	3.63	
		1	30.00	4.90	0.025	3.67	
		1	4.60	(4.90 + 5.80) / 2	x 0.025	1.95	
		1	30.00	(6.0 + 6.05) / 2	x 0.025	4.51	
		1	20.00	(6.05 + 5.95) / 2	x 0.025	3.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Balaji Layout I st Main -

OK

Depth 6	Contents 7	Reference to last Measurement 8
1.80) 0.025	3.75	
1.90) 0.025	3.63	
.025	3.67	
.80) 0.025	1.95	
.05) 0.025	4.51	
.95) 0.025	3.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353008

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Balaji layout I st Main	1	7.00	(8.50 + 6.65)/2	x 0.025	1.32	
		1	30.00	(6.65 + 6.50)/2	x 0.025	4.93	
		1	30.00	(6.50 + 6.30)/2	x 0.025	4.80	
		1	30.00	(6.30 + 6.10)/2	x 0.025	4.65	
		1	30.00	(6.10 + 6.20)/2	x 0.025	4.61	

CR/C 98/01

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C & FC	1	30.00	(6.20+6.25)/2	x0.025	4.66	
	28/4/17		14.30	(6.25+6.10)/2	x0.025	2.20	
						90.00 m³	
	Rate. 9535:13						858161:70
					Total Rs-		2390506:00
							2390799
							28/4/17.

Serial No. .....

Name of Work ..... From

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Certificate.	(1) C (2) T i

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
20+6.25) / 2 x0.025		4.66	
25+6.10) / 2 x0.025		2.20	
		90.00 m³	858161:7
Total Rs-			2390506:00
Bhandarkar			2390799

28/4/17.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 353009

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate:	(1) Certified that the work done Satisfactory (2) This bill Amount has not been claimed in any of Previous bill.					

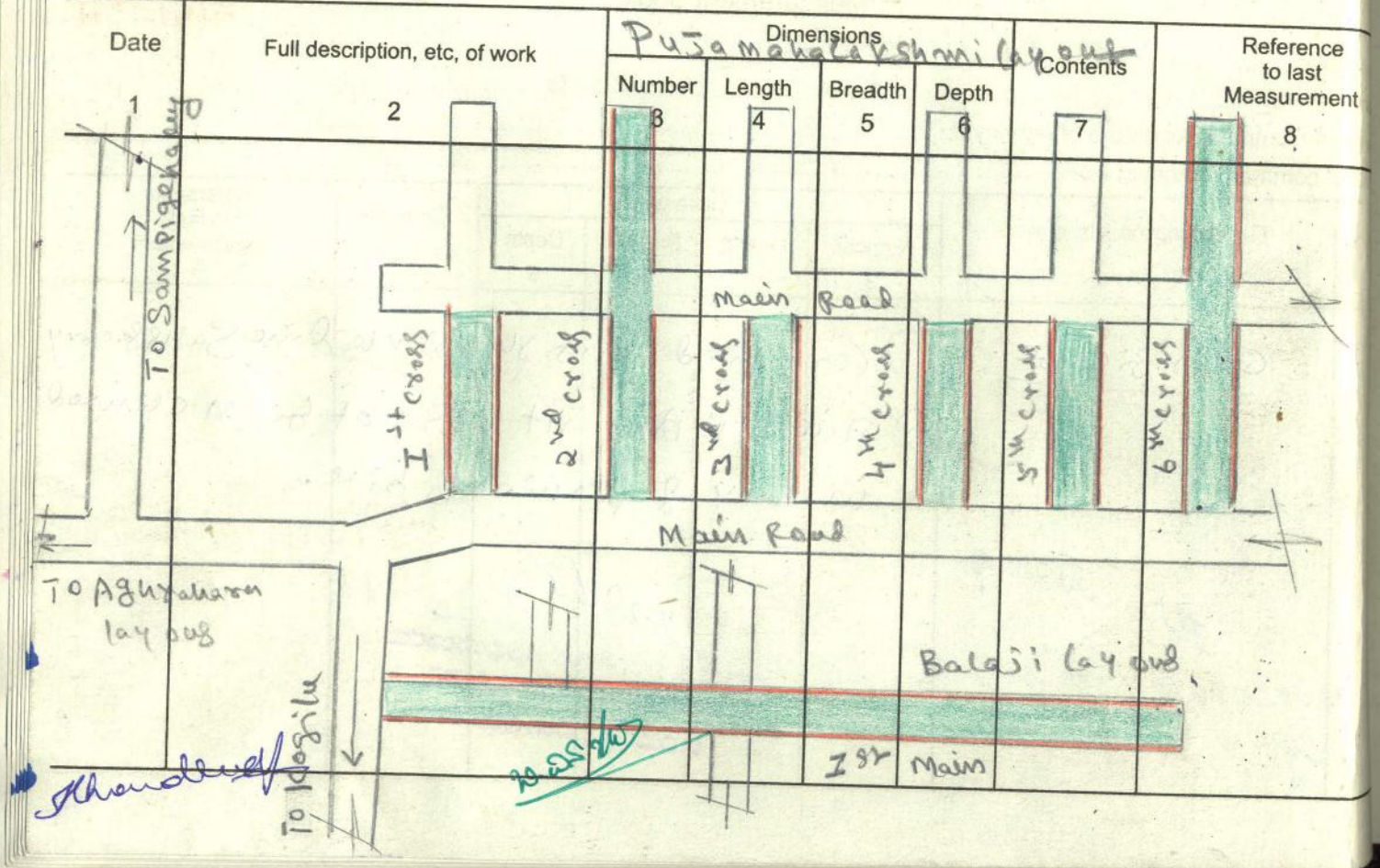
Bhandarkar

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ- ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Pooja Mahalakshmi Layout

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



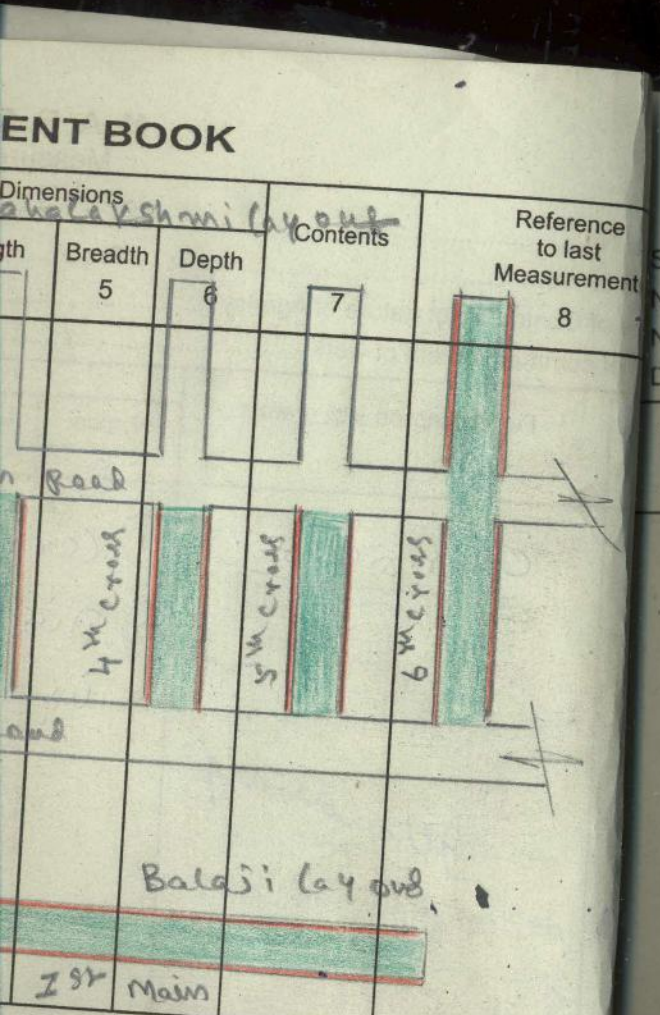
Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc, of work	N
1	2	

23.90 79
18
220.30
Rs Twenty two Lakh Eighty only.
06/05

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8



A. R. 57 (Rule 116)

Measurement Book

No. B 353010

BR/34/28.4.2017

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature ....

Date of commencement of wo ....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	23.90 799-0 1877 19-0 2203080-0 Rs Twenty two Lakh Three thousand eighty only. Assistant Engineer 06/05					Total Rs: 23,90,799-0 ST- 23908-0 VAT- 95632-0 CC- 23908-0 CBF- 2391-0 LR- 31080-0 Fine- 10800-0 Adj- 1877 19-0 Cheque: 2203080-0	